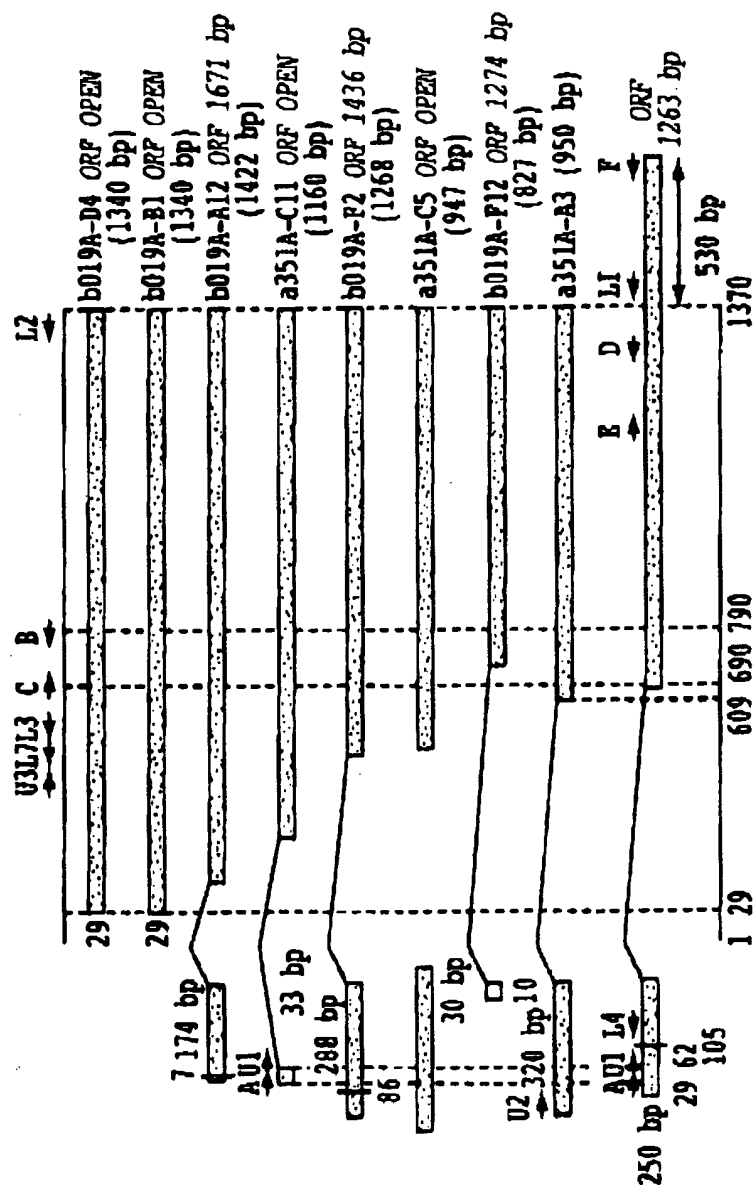


FIG. 1



**FIG. 2**

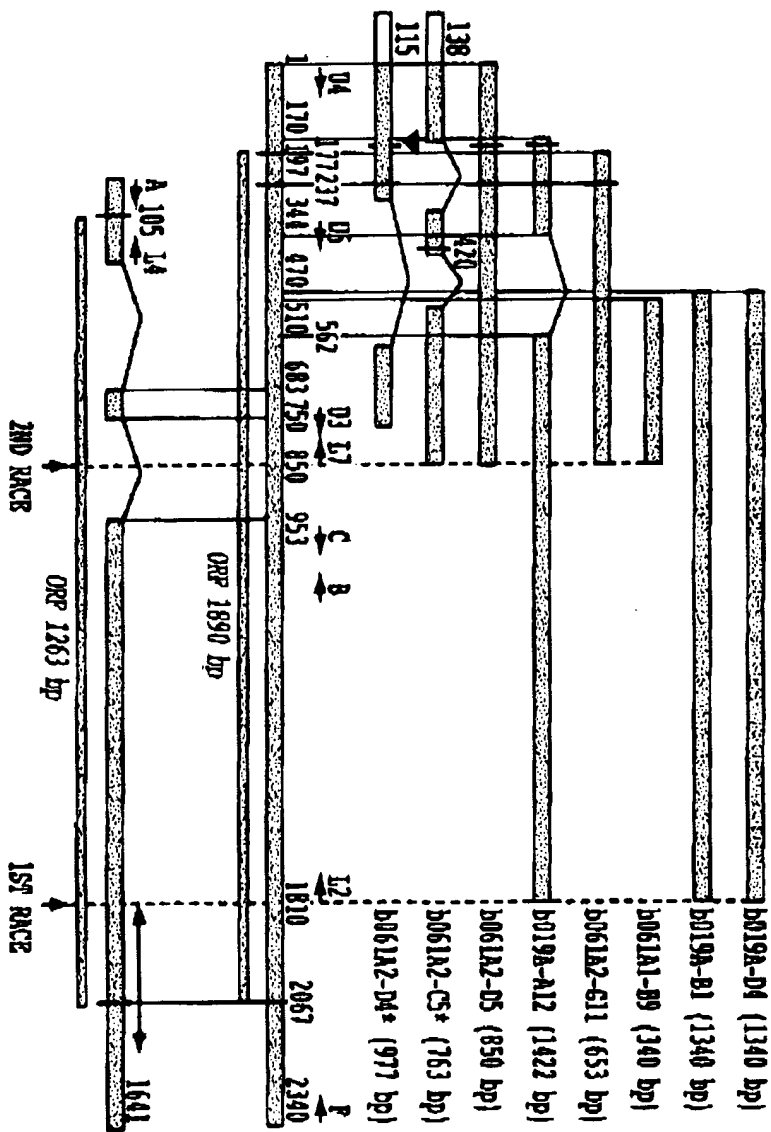
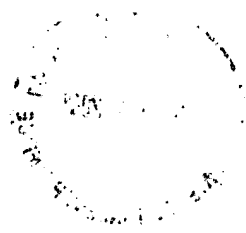


FIG. 3

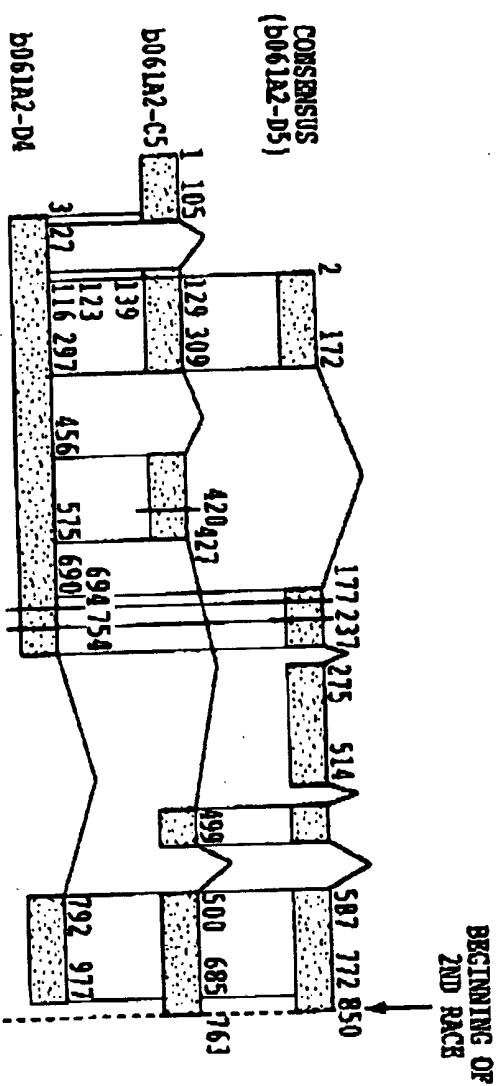
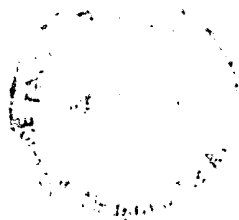


FIG. 4

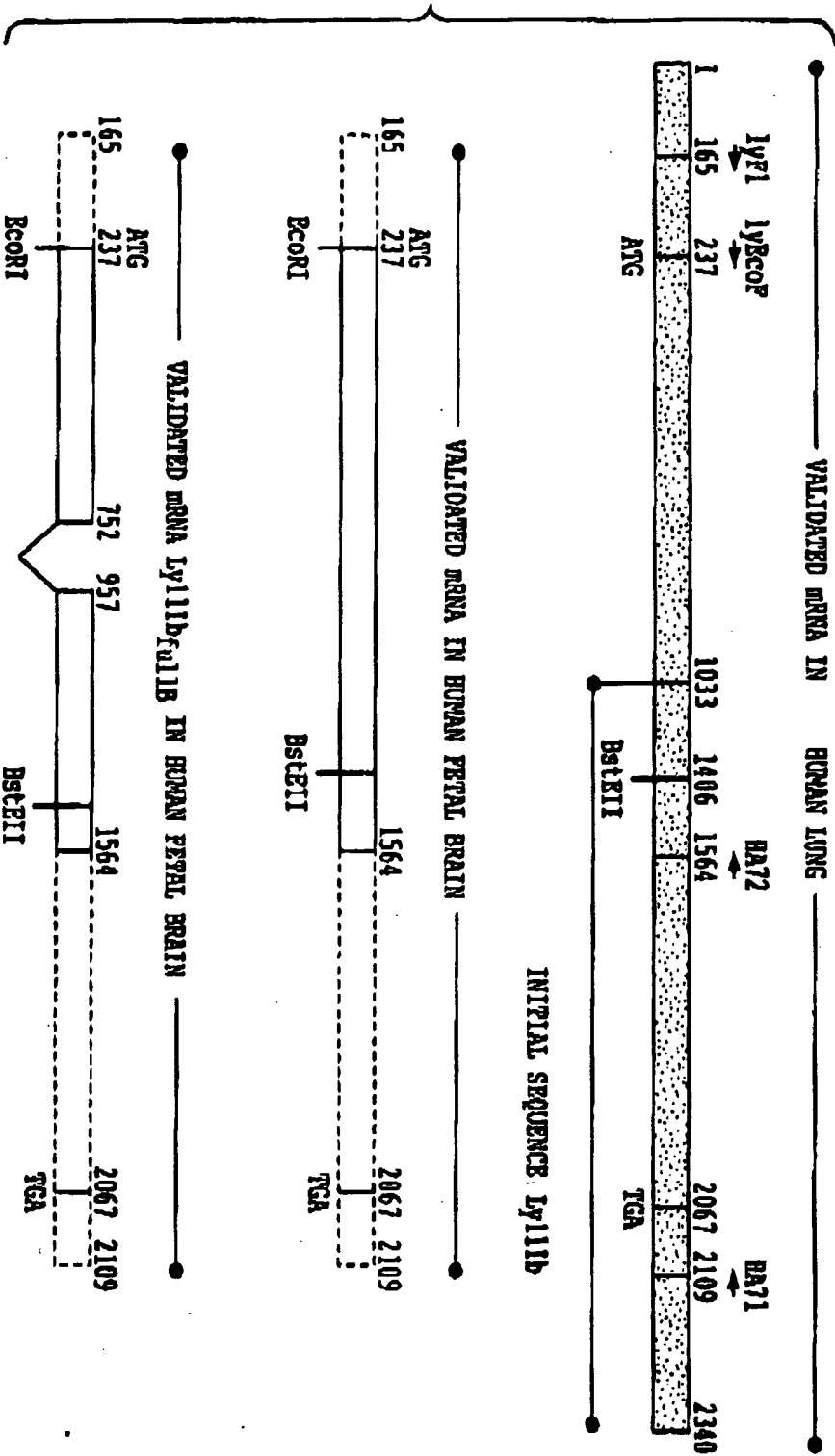
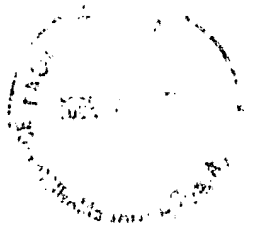


FIG. 5

Ly111b-fulla : transcript

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CCAGGTCTGTACCGAGACCAGGCGGTTCAAACACAGAGGAGGAGGACACGGAAACTGAAA  
ACACACCTGCAGCATCTCCGGTGAAAGGAGCGAAGAACACGGACTGGGAGCACAAAGAGAAGT  
GCTGTGCGCGCTGCCAGCAGGTGCTGGGGTTCCTGCTGCACCGGGGCGCGTGTGCCGGGGCTG  
CAGCCACCGCGTGTGTGCCAGTGCCGAGTGTTCTGAGGGGGACCCATGCCTGGAAGTGCACG  
GTGTGCTTCGAGGACAGGAATGTCAAATAAAAACTGGAGAATGGTCTATGAGGAACGAGCCA  
AGAAATTTCCAACCTGGAGGCAAACATGAGACAGTTGGAGGGCAGCTCTTGCAATCTTATCAGAA  
GCTGAGCAAAATTTCTGTGGTTCCTCCTACTCCACCTCCTGTCAGCGAGAGCCAGTGCAGCCGC  
AGTCTTGGCAGGTTACAGGAATTTGGTCAAGTTTAGAGGATTTAATAAGTCCGTGGAAAATTTGT  
TTCTGTCTCTTGTACCCACGTGAAAAAGCTCTCCAAATCCAGAATGATATGACTTCTGAGAA  
GCATCTTCTCGCCACGGGCCCCAGGCAGTGTGTGGGACAGACAGAGAGACGGAGCCAGTCTGAC  
ACTGCGGTCAACGTCACCACCAGGAAGGTCACTGCACCAGATATTCTGAAACCTCTCAATCAAG  
AGGATCCCAAATGCTCTACTAACCCTATTTTGAAGCAACAGAATCTCCCATCCAGTCCGGCACC  
CAGTACCATATTCTCTGGAGTTTTAGACACGGAAGTTAATTAGCATTGACAGCACCTGTACA  
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CGCAAGACTGGAGTCCAAAGGAACACCGTGACCCGACCTTTCAGGAGACCTTGAAGTATCAGG  
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CCGGAGAGTGTTTTCTTGAGAAGTGATCATTCTCTGCCCACGTGGGACTTTGAAGACAGCACA  
ACACAGTCCTTCCGCTGGCATCCGCTCCGGGCCAAGGCGGAGAAATACGAAGACAGCGTTCCTC  
AGAGTAATGGAGAGCTCACAGTCCGGGCTAAGCTGGTTCTCCCTTCACGGCCCAGAAAACCTCCA  
AGAGGCTCAAGAAGGGACAGATCAGCCATCACTTCATGGTCAACTTTGTTTGGTAGTGCTAGGA  
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TGCCAGACCAACAAAACTGAGACTGAAGTCGCCAGTCTGAGGAAGCAGGCTTGCCCCAGTG  
GAAACACTCATTGTCTTCAGTGGCGTAACCCAGCTCAGCTGAGGCAGTCGAGCTTGGAGTTA  
ACTGTCTGGGATCAGGCCCTCTTTGGAATGAACGACCGCTTGCTTGGAGGAACCAGACTTGGTT  
CAAAGGGAGACACAGCTGTTGGCGGGGATGCATGCTCACAATCGAAGCTCCAGTGGCAGAAAGT  
CCTTTCAGCCCCAATCTATGGACAGACATGACTCTTGTCTGCACTGACATGAAGGCCTCAAG  
GTTCCAGGTTGCAGCAGGCGTGAGG

pLy111b-fulla : protein

MAQEIDLSALKELEREAILQVLYRDOAVONTEERTRKLKTHLOHLRWKGAKNTDWEHKEKCCARCOOVLGFLLEHG  
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PPTPPPVSSESOCSPGRLOEFGOFGENKSVENLFLSLATHVKLSKSONDMTSEKHLATGPROCVGOTERRSOS  
DTAVNVTRKVSAPDILKPLNOEDPKCSTNPILKQONLPSSPAPSTIESGGFRBGSLISIDSTCTEMGNFDNANVTG  
EIEFAIRYCEKTHSLEICIKACKNLAYGEEKKKCNPTVKTYLLPDRSSOGKRTGVORNTVDPTEQETLKYOVAPA  
QLVTROLOVSVNHLGTLARRVFLGEVITPLATWDFEDSTTOSFRWHPLRAKAEKYEDSVPOSNGELTVRAKLVLPSPR  
PRKLOEAOEGTDOPSLHGQLCLVVLGAKNLPVRPDGTLNSFVKGSLTLPDOOKLRLKSPVLRKOACPOWKHSFVFSG  
VTPAQLRQSSLELTWDDQALFGMNDRLLGCTRLGSKGDTAVGGDACSQSKLQWQKVLSSPNLWTDMLVLH

FIG. 6

Ly11b-fullB : transcript

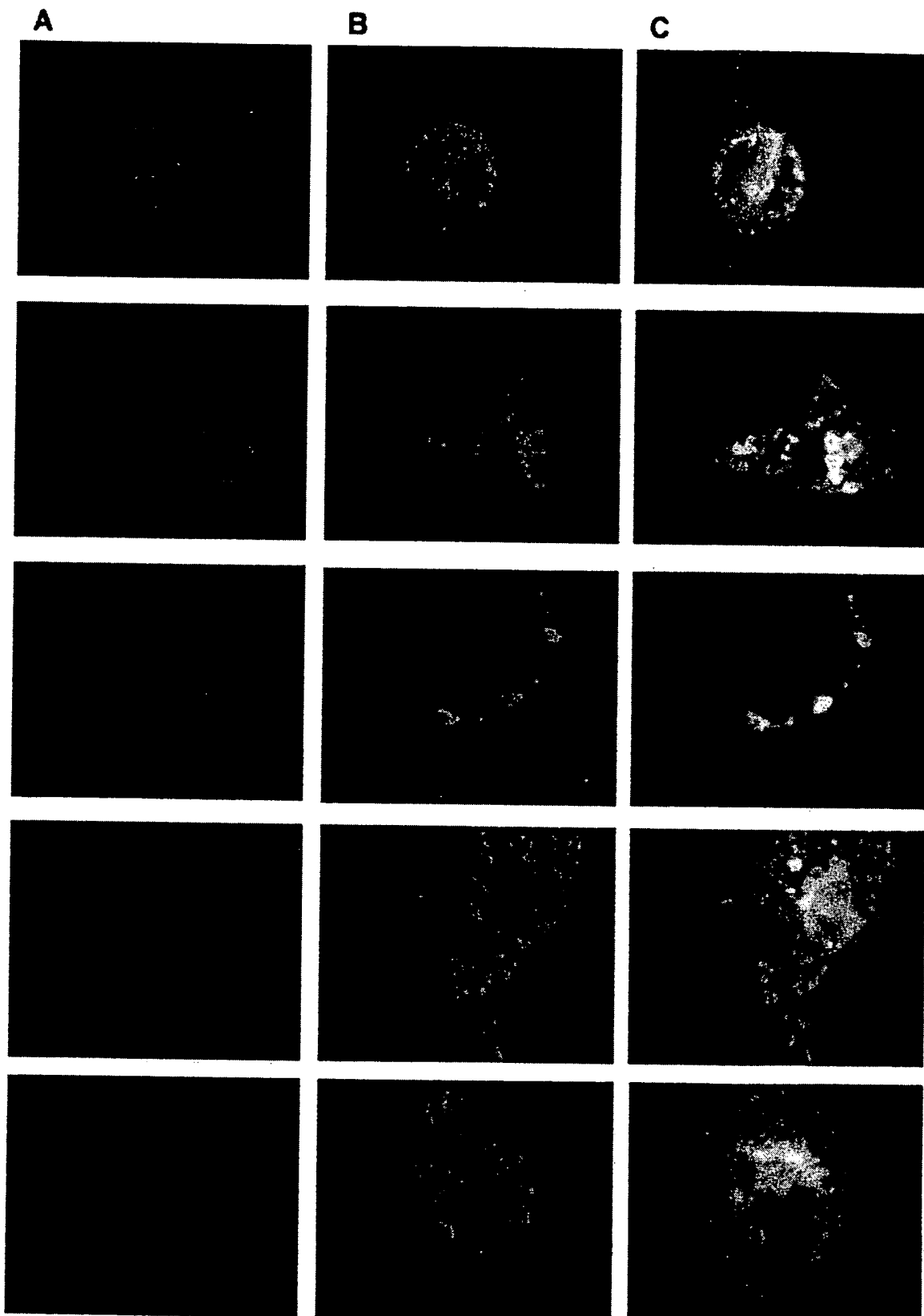
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CTGAAAACACACCTGCAGCATCTCCGGTGGAAAGGAGCGAAGAACACGGACTGGGAGCACAA  
AGAGAAGTGCTGTGCGCGCTGCCAGCAGGTGCTGGGGTTCCTGCTGCACCGGGGCGCCGTGT  
GCCGGGGCTGCAGCCACCGCGTGTGTGCCAGTGCCGAGTGTTCTTGAGGGGGACCCATGCC  
TGGAAGTGACCGGTGTGCTTCGAGGACAGGAATGTCAAAATAAAACTGGAGAATGGTTCTA  
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TGCAATCTTATCAGAAGCTGAGCAAAATTTCTGTGGTTCTCCTACTCCACCTCCTGTCAGC  
GAGAGCCAGTGCAGCCGAGTCTTGGCAGGAAGGTCAGTGCACCAGATATTCTGAAACCTCT  
CAATCAAGAGGATCCCAAATGCTCTACTAACCCTATTTTGAAGCAACAGAATCTCCATCCA  
GTCCGGCACCCAGTACCATATTCTCTGGAGGTTTGTAGACACCGAAGTTTAATTAGCATTGAC  
AGCACCTGTACAGAGATGGGCAATTTTGACAATGCTAATGTCACTGGAGAAATAGAATTTGC  
CATTCAATTATTGCTTCAAACCCATTCTTTAGAAATATGCATCAAGGCCTGTAAGAACCCTG  
CCTATGGAGAAGAAAAGAAGAAAAGTGCAATCCGTATGTGAAGACCTACCTGTTGCCCGAC  
AGATCCTCCCAGGGAAAGCGCAAGACTGGAGTCCAAAGGAACACCGTGGACCCGACCTTTCA  
GGAGACCTTGAAGTATCAGGTGGCCCCCTGCCAGCTGGTGACCCGGCAGCTCCAGGTCTCGG  
TGTGGCATCTGGGCACGCTGGCCCCGAGAGTGTTCCTTGAGAGAGTGATCATTCTCTGGCC  
ACGTGGGACTTTGAAGACAGCACAAACACAGTCTTCCGCTGGCATCCGCTCCGGGCCAAGGC  
GGAGAAATACGAAGACAGCGTTTCTCAGAGTAATGGAGAGCTCACAGTCCGGGCTAAGCTGC  
TTCTCCCTTACGGCCCAAGAACTCCAAGAGGCTCAAGAAGGGACAGATCAGCCATCACTT  
CATGGTCAACTTTGTTTGGTAGTGCTAGGAGCCAAGAATTTACCTGTGGGCCAGATGGCAC  
CTTGAACCTCATTTGTTAAGGGCTGTCTCACTCTGCCAGACCAACAAAACTGAGACTGAAGT  
CGCCAGTCTGAGGAAGCAGGCTTGCCCCCAGTGGAAACACTCATTGTCTTCACTGGCGTA  
ACCCAGCTCAGCTGAGGCAGTGCAGCTTGGAGTTAACTGTCTGGGATCAGGCCCTCTTTGG  
AATGAACGACCGCTTGCTTGGAGGAACCAGACTTGGTTCAAAGGGAGACACAGCTGTTGGCG  
GGGATGCATGCTACAATCGAAGCTCCAGTGGCAGAAAGTCCTTTCCAGCCCCAATCTATGG  
ACAGACATGACTCTTGTCTGCACTGACATGAAGGCCTCAAGGTTCCAGGTTGCAGCAGGCG  
TGAGG

pLy11b-fullB : protein

MAQEI DLSALKELE REA ILOVLYRDOAVONTEERTRK LKTHLOHLRWKGA KNTDWEHKEKCCARCOOVLGFLLRG  
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PPTPPVSESOCSRSPGRKVSAPDILKPLNOEDPKCSTNPILKONLPSSPAPSTIFS GGFRRGSLISIDSTCTEMG  
NPDNAWVTGEIEFAIHYCFETHSLEICIKACKNLATGEEKKKCNPYVKT YLLPDRSSOGKRTGVORNTVDPTFOE  
TLKIQVAPAO LVTRLOVSVNHLGTLARRVFLGEV I I PLATWDFEDSTTOSFRWHPLRAKAEXYEDSVPOSNGELTV  
RAKLVLPSRPRKLQEAQECTDQPSLHGQLCLVVLGAKNLPVRPDGTLNSFVKGCLTLPDOOKLR LKSPVLRKOACPQ  
WKHSFVESGVTPAQLRQSSLELTVWDQALFGMNDRL LGGTRLGSKGDTAVGGDAC SQSKLOWOKVLS SPNLNTDML  
VLH

FIG. 7

Figure 8 a





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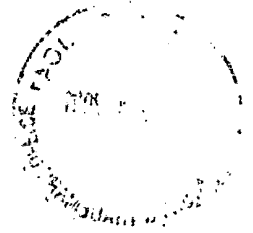
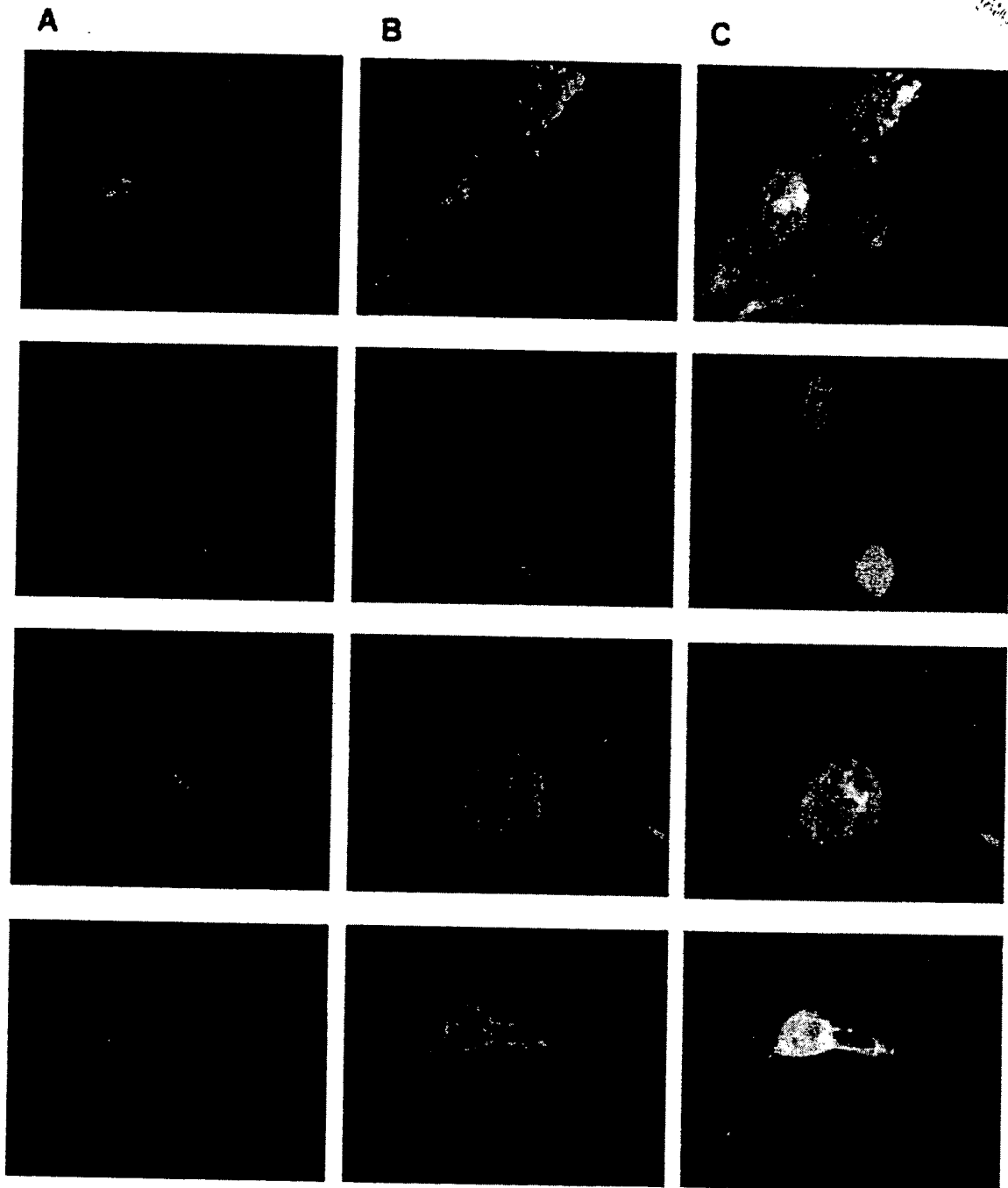


Figure 8b



GGCCTTGGGGCACTGAGGGATGCCAGTTCTGCCTGTTTCATCTGGAACCTGGATCTAAGGAGGGAAGAG  
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 TGGTTCTCTGCTGACCTGGAAACATCTTAAATGGAAGGGCGTGAGCGCTTGGTCCATGCAGTGAAGCTC  
 TTCCAACCTGGGTCAACGAAAACGGAGAAGAAATGGCCCAAGAAATAGATCTGAGTCTCTCAAGGAG  
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 GACACGGAACCTGAAAACACACCTGCAGCATCTCCGGTGGAAAGGAGCGAAGAACACGGACTGGGAGC  
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 CGGCGCTGCAGCCACCGCGTGTGTGCCAGTGCCGAGTGTCTCTGAGGGGGACCCATGCCTGGAAGTG  
 CACGGTGTGCTTCGAGGACAGCAATGTCAAAATAAAAACCTGGAGAATGGTTCTATGAGGAACGAGCCA  
 AGAAATTTCCAACCTGGAGGCAAAACATGAGACAGTTGGAGGGCAGCTCTTGCAATCTTATCAGAAGCTG  
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 CAGGTTACAGGAATTTCTCTCACTTTAGAGGATTTAATAAGTCCGTGGAAAATTTGTTTCTGTCTCTTG  
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 GGCCCAAGGAGTGTGTGGGACAGACAGAGAGCGGAGCCAGTGTGACACTGCGGTCAACGTCAACAC  
 CAGGAAGTCACTGCACCATATTTCTGAAACCTCTCAATCAAGAGGATCCCAATGCTCTACTAACC  
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 CACGGAAGTTAATTAGCATTGACAGCACCTGTACAGAGATGGGCAATTTTGACAATGCTAATGTCAC  
 TGGAGAAATAGAATTTGCCATTCAATTATTGCTTCAAAACCCATTCTTTAGAAATATGCATCAAGGCCCT  
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 ATCTGGGCACGCTGGCCCGGAGAGTGTCTTGGAGAGTGATCATTCTCTGGCCACGTGGGACTTT  
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 CGTCTCTCAGAGTAATGGAGAGCTCACAGTCCGGGCTAAGATGGTTCTCCCTTACGGCCCAAGAAAC  
 TCCAAGAGGCTCAAGAGCGGACAGATCAGCCATCACTTCATGGTCAACTTTCTTTGGTAGTGCTAGGA  
 GCCAAGAATTTACCTGTGCGGCCAGATGGCACCTTGAATCATTGTGTTAAGGCTGTCTCACTCTGCC  
 AGACCAACAAAACTGAGACTGAAGTCCGAGTCTGAGGAAGCAGGCTTGCCCCAGTGGAAACACT  
 CATTGTCTTCACTGGCGTAACCCAGCTCAGCTGAGGCAGTGCAGCTTGGAGTTAACTGTCTGGGAT  
 CAGGCCCTCTTTGGAATGAACGACCGCTGCTTGGAGGAACAGACTTGGTTCAAAGGGAGACACAGC  
 TGTGGCGGGGATGCATGCTCACAATCGAAGCTCCAGTGGCAGAAAGTCTTTCCAGCCCAATCTAT  
 GGACAGACATGACTCTTGTCTGCACTGACATGAAGGCCTCAAGGTTCCAGCTTGACGAGCGGTGAG  
 GCACTGTGCGTCTGCAGAGGGCTACGAACCAAGTGCAGGGTCCAGCTGGAGACCCCTTTGACCTTG  
 AGCAGTCTCCATCTGCGGCCCTGTCCATGGCTTAACCGCCTATTGGTATCTGTGTATATTTACGTTA  
 AACACAATTATGTTACCTAAGCCTCTGGTGGGTATCTCTCTTTGAGATGTAGAAATGGCCAGATT  
 TTATTAACCGTTGTTACCCATGAAAAA

# PROTEIN SEQUENCE

MAQEIDLSALKELEREAILQVLYRDOAVONTEERTRKLKTHLOHLRWKGAKNTDWEHKEKCCARCOO  
 VLGFLLRGAVCRGCSHRVCAQCRVFLRGTHAWKCTVCFEDRNVKIKTGEWFYEERAKKFTPGGKHET  
 VGGOLLOSYOKLSKISVVPPTPPVSESQCSRSPGRLOEFGQFRGFNKSVENLFLSLATHVKLSXSO  
 NDMTSEKHLLATGPRQCVGOTERRSQSDTAVNVTTTRKVSAPDILKPLNQEDPKCSTNPILKQONLPSS  
 PAPSTIFSGGFRHGSLSIDSTCTEMGNFDNAVNTGEIEFAIHYCFKTHSLEICIKACKNLAYGEEKK  
 KRCNPYVKTYLLPDRSSQGRKRTGVQRNTVDPTFOETLKYQVAPQLVTRQLOVSVWHLGTLARRVFL  
 GEVIIPLATWDFEDSTTQSRWHPLRAKAKEYEDSVQSNGLTVRAKLVLPSRPRKLOEAOEGTDOP  
 SLHGQLCLVVLGAKNLPVRPDGTLNSFVKGLTLPDOOKLRLKSPVLRKQACPQWKHSFVFSGVTPAQ  
 LRQGSLELTVDQALFGMNDRLGGLTRLGSKGDTAVGGDACSQSKLQWQKVLSSPNLWTDMTLVLE

FIG. 9

GAAATCATGCCCTCGTAGAGCAGCAGGTCCAAGCAGGGCTGCTGGCTATTTTCCAAAAAG  
 TGAGGCAGTTTAAAAAAGGCGGAGAACTAGAATTATAGAATAATGGCACATTTTGTGTAT  
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 GCAAAATTTCTGTGGTTCCTTACTCCACCTCCTGTCAGCGAGAGCCAGTGCAGCCGAGT  
 CCTGGCAGGAAGGTCAGTGCACCAGATATTCTGAAACCTCTCAATCAAGAGGATCCCAAATG  
 CTCTACTAACCTATTTTGAAGCAACAGAATCTCCCATCCAGTCCGGCACCCAGTACCATAT  
 TCTCTGGAGGTTTATAGACACCCAACCTTAATTACCATTGACAGCACGTGTACAGAGTGGGC  
 AATTTTGACAATGCTAATGTCACTGGAGAAATAGAATTGCCATTCAATTGCTTCAAAAC  
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 AAAAGTGCAATCCGTATGTGAAGACCTACCTGTTGCCCGACAGATCTCCAGGGAAAGCGC  
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 GGCCCTGCCAGCTGGTGACCCGGCAGCTGCAGGTCTCGGTGTGGCATCTGGGCACGCTGG  
 CCCGGAGAGTGTCTTGGAGAAGTGATCATTCTCTGGCCACGTGGGACTTTGAAGACAGC  
 ACAACACAGTCCCTCCGCTGGCATCCGCTCCGGGCCAAGGCGGAGAAATACGAAGACAGCGT  
 TCCTCAGAGTAATGGAGAGCTCACAGTCCGGGCTAAGCTGGTTCTCCCTTACGGCCAGAA  
 AACTCCAAGAGGCTCAAGAAGGGACAGATCAGCCATCACTTCATGGTCAACTTTGTTTGGTA  
 GTGCTAGGAGCCAAGAATTTACCTGTGCGGCCAGATGGCACCTTGAAGTCAATTGTTAAGGG  
 CTGTCTCACTCTGCCAGACCAACAAAACCTGAGACTGAAGTGGCCAGTCTTGAGGAAGCAGG  
 CTTGCCCCCAGTGGAACACTCATTGTCTTCACTGGCGTAACCCAGCTCAGCTGAGGCAG  
 TCGAGCTTGGAGTTAACTGTCTGGGATCAGGCCCTCTTGGGAATGAACGACCGCTTGCTTGG  
 AGGAACCAGACTTGGTTCAAAGGGAGACACAGCTGTTGGCGGGGATGCATGCTCACAATCGA  
 AGCTCCAGTGGCAGAAAGTCTTTCCAGCCCCAATCTATGGACAGACATGACTCTTGTCCTG  
 CACTGACATGAAGGCCTCAAGGTTCCAGGTTGCAGCAGGCGTGAGGCACTGTGCGTCTGCAG  
 AGGGGCTACGAACCAGGTGCAGGTTCCAGCTGGAGACCCCTTTGACCTTGAGCAGTCTCCA  
 TCTGCGGCCCTGTCCCATGGCTTAACCGCTATTGGTATCTGTGTATATTACGTTAAACAC  
 AATTATGTTACCTAAGCCTCTGGTGGGTTATCTCCTCTTTGAGATGTAGAAAATGGCCAGAT  
 TTTTCTTTCGTTGTTACCCATGAAAAAAAAAAAAA

# PROTEIN SEQUENCE

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 KRRTGVQRNTVDPTTFQETLKYQVAPQLVTRQLQVSVVHLGTLARRVFLGEVIIPLATWDFE  
 DSTTQSPFRWHLRAKAEKYEDSVQSNGELTVRAKLVLPSRPRKLOEAQEGTDQPSLHGQLC  
 LVVLGAKNLPVRPDGTLNSFVKGLTLPDQQLRLKSPVLRKQACPOWKHSFVFSGVTPAQL  
 ROSSLELTVWDQALFGMNDRLGGTRLGSKGDTAVGGDACSQSKLQWQKVLSSPNLWTDMTL  
 VLH

FIG. 10